



VOLUME 60 ISSUE 7

July 2010



# MEGAFEST

July 17<sup>th</sup>, 2010

## **July Ham Breakfast**

### **NEW LOCATION**

## **Omelets, Etc**

### **1616 S. 8th street**

Saturday July 3rd  
8:00 am - 9:30 am

## **July Club Meeting**

The club meeting will be on July 14<sup>th</sup> (second Wednesday in July), at 7 pm at Panera Bread on the NE corner of Powers and S. Carefree.

## **PPRAA Club Officers**

<b>President</b>	<b>Doug Nielsen</b>	<b>N7LEM</b>
<b>Vice President</b>	<b>Mike Debort</b>	<b>KCØELG</b>
<b>Secretary</b>	<b>Dan Scott</b>	<b>WØRO</b>
<b>Treasurer</b>	<b>Pam Scott</b>	<b>WØPRS</b>
<b>Board</b>	<b>Gordon Dixon</b>	<b>KDØFKF</b>
<b>Board</b>	<b>Dave Moore</b>	<b>KØDAM</b>
<b>Board</b>	<b>Tom Brereton</b>	<b>WØTOM</b>
<b>Board</b>	<b>Galen Steele</b>	<b>AGØA</b>
<b>Ø-Beat Editor</b>	<b>Mike Anderson</b>	<b>WV7T</b>

All officers can be contacted at:  
[boardmembers@ppraa.org](mailto:boardmembers@ppraa.org)

## **PPRAA Club Meeting**

President Doug Nielsen N7LEM called the meeting to order at 7:07 PM at Panera Bread, followed by introductions around the room.

Silent Keys: None.

**Minutes:** Mike, N7LV moved and Dave, KØDAM, seconded that the May meeting minutes be approved as published in the Zero Beat. Passed

**Treasurer's Report:** Pam Scott reported that we had a \$9,026.56 total balance in our three accounts as of 31 May 2010.

**COQP contest report** – Doug, N7LEM to update website with counties covered

### **Committee Reports**

#### **Tech Ed-**

Mike WV7T has training materials for Tech license exam and can also provide some limited individual tutoring. He's helping a friend with code. New questions for Technician test go into effect July 1, 2010

**VE Testing** – next club sponsored test is June 12<sup>th</sup> see the website for more details

**Thursday Night Net** - Every Thursday night, 7PM, Doc's Glow Net on 28.390 MHz USB. See [www.ppra.org](http://www.ppra.org) for details. Modes are changed during the evening for experimentation purposes. AM, FM, and sideband modes are used. He has held 87 meetings thus far.

**ARES update** – Rob, N7LV, gave us an update of this past weekend's emergency practice exercise.

Fox hunt – Dan to get with Steve about borrowing the transmitter for July

Breakfast – Omelettes, Etc. 1616 S. 8<sup>th</sup> Street at 8:00 am Saturday, July 3<sup>rd</sup>

**Program** – Field Day and Megafest

**Next Club Meeting:** The next regular club meeting will be the second Wednesday, 7 PM, July 14<sup>th</sup> 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

**Next Board Meeting:** 7 PM, Monday before club meeting, July 12<sup>th</sup> Daniel's Taco Shop  
The meeting was adjourned at 9:00  
Submitted by:

Dan Scott WØRO  
PPRAA Secretary

## PPRAA June Board

7 June 2010

Call to Order – 7:00

Approval of the May board meeting minutes – moved Mike, WV7T, second by Dan, WØRO

Reports

Treasurer's Report – we have \$9,026.56 in the 3 accounts

Field Day 2010 (June 26-27) –

We're providing the GOTA station, and an HF station

**Weekend antenna build** – not too many showed up, worked on Moxon – need to still tune it. Does anyone have a dipole that we can use? Discussion of different ones that can be brought

**Food budget approval** – Gordon moved that we approve amount not to exceed \$300, Dave, KØDAM second. Approved.

MegaFest 2010 (July 17) – meeting Wednesday, June 9<sup>th</sup> at 6:00

Need sign up list for working ticket sales, raffle tickets

MHDXA will do a RTTY forum, need to contact Ken WØETT about contesting

Ticket sales are slow so far, but we know that the day of the Megafest will better

Table sales are picking up

Maria – table setup 4-6pm, needs to be confirmed

Ask Rob to give an update of Emergency Services each month

COQP (Sept 4) let Doug know where you are going to be  
Unfinished Business

CO Worked All Counties Award – need to revisit this and get it finalized

New Business – none

Around the table – Jamboree on the Air from the scout office?

Next board meeting: Monday, July 12, 2010. Location: Daniel's Taco

## Technical Education



Mike Anderson, WV7T  
[wv7t@arrl.net](mailto:wv7t@arrl.net)  
719-229-8610

***The new Technician License question pool is now in effect!***

License and code tutoring. Electronic theory. Technical instruction upon request.

Need help getting your ticket or upgrading, give Mike a call.

Site for General Class PowerPoints:  
[www.rtsi.com/~HRInstructor](http://www.rtsi.com/~HRInstructor)

**TECHNICAL CLASSES**

**THIS SUMMER**  
**Workshops will be**  
**available on soldering,**  
**assembling, building station**  
**accessories, and**  
**other topics. If you are**  
**interested e-mail to**  
**ww7t@arrl.net.**

## Megafest Planning Meeting

The Megafest planning meeting is the week before the Megafest.  
July 10, Noon at the Stetson Hills Police department.

## JULY CONTESTS

RAC Canada Day Contest 0000Z-2359Z, Jul 1  
NCCC Sprint Ladder 0230Z-0300Z, Jul 2  
Venezuelan Ind. Day Contest 0000Z, Jul 3 to 2359Z, Jul 4  
DL-DX RTTY Contest 1100Z, Jul 3 to 1059Z, Jul 4  
PODXS 070 Club 40m Firecracker Sprint 2000 local, Jul 3 to 0200 local, Jul 4  
DARC 10-Meter Digital Contest 1100Z-1700Z, Jul 4  
MI QRP July 4th CW Sprint 2300Z, Jul 4 to 0300Z, Jul 5  
RSGB 80m Club Championship, CW 1900Z-2030Z, Jul 5  
ARS Spartan Sprint 0100Z-0300Z, Jul 6  
FISTS Summer Sprint 0000Z-0400Z, Jul 10  
IARU HF World Championship 1200Z, Jul 10 to 1200Z, Jul 11  
Feld Hell Sprint 1600Z-1800Z, Jul 10  
SKCC Weekend Sprint 0000Z-2400Z, Jul 11  
ARCI Summer Homebrew Sprint 2000Z-2359Z,

Jul 11  
CWops Mini-CWT Test 1100Z-1200Z, Jul 14 and 1900Z-2000Z, Jul 14 and 0300Z-0400Z, Jul 15  
RSGB 80m Club Championship, SSB 1900Z-2030Z, Jul 14  
DMC RTTY Contest 1200Z, Jul 17 to 1200Z, Jul 18  
CQ Worldwide VHF Contest 1800Z, Jul 17 to 2100Z, Jul 18  
North American QSO Party, RTTY 1800Z, Jul 17 to 0600Z, Jul 18  
RSGB Low Power Field Day 0900Z-1200Z and 1300Z-1600Z, Jul 18  
WAB 144 MHz QRO Phone 1000Z-1400Z, Jul 18  
Run for the Bacon QRP Contest 0100Z-0300Z, Jul 19  
NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jul 22  
RSGB 80m Club Championship, Data 1900Z-2030Z, Jul 22  
NCCC Sprint Ladder 0230Z-0300Z, Jul 23  
RSGB IOTA Contest 1200Z, Jul 24 to 1200Z, Jul 25  
SKCC Sprint 0000Z-0200Z, Jul 28  
NCCC Sprint Ladder 0230Z-0300Z, Jul 30

## Thursday Evening Net

Please join us for the Thursday Night 10-meter net. We meet at 7:00 PM (Local) on or near 28.390 USB.

The goal of the net is for Technicians through Extra class operators to enjoy a weekly on-the-air chat, and experiment with various transmission modes. The outcome of the net has been a surprise to new old old-timers alike, we have all come away with a better understanding of our radios, filter usage, mic gain, transmission line, ...etc.

This is a perfect net for an introduction to HF and/or SSB too. The net is informal, just jump in with your call and net control will get you on the list. One thing that is (almost) always is giving a description of your rig, antenna system and approximate location.

Technicians remain operating SSB as do other class operators with SSB only radios. If you are restricted

to SSB do not let that bother you as we take that into account even as we jump between modes (AM, FM, DSB, LSB).

Hope to hear you Thursdays on the net!

73s  
Dan WØRO



## PPRAA JULY VE SESSION

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## MEGAFEST EXAMS

The Pikes Peak Radio Amateur Association (PPRAA) VE Team will be conducting VE exams at the Megafest.

The PPRAA VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

For more information contact Jackie Cornwell ACØCA at [jcornwell@peoplepc.com](mailto:jcornwell@peoplepc.com) or by calling 719-632-8254.

If attending, please BE SURE to bring the following items to the session:

1. A valid PHOTO ID, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your SOCIAL SECURITY NUMBER (now required -- this includes children).
3. Your ORIGINAL amateur radio license (if any) AND a PHOTOCOPY for the VE Team to keep.
4. The ORIGINAL of any relevant CSCEs you may have AND a PHOTOCOPY for the VE Team to keep.
5. Cash, Check or Money Order for \$15. Checks and money orders should be made out to **ARRL/VEC** and will cover all the exams you wish to take at the VE session.

PPRAA VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

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## MARC JULY VE EXAMS

**July 3, 2010**

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, July 3rd, in the Community Meeting Room of the Woodland Park Library, 218 East Midland Avenue. The MARC VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html> or contact Wes Wilson (KØHBZ) at [k0hbz@arrl.net](mailto:k0hbz@arrl.net) or call (719) 687-8758.

If attending, please BE SURE to bring the following items to the session:

- 1. A valid PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
- 2. Your SOCIAL SECURITY NUMBER** (now required – this includes children).
- 3. Your ORIGINAL amateur radio license** (if any) **AND a PHOTOCOPY** for the VE Team to keep.
- 4. The ORIGINAL of any relevant CSCEs** you may have **AND a PHOTOCOPY** for the VE Team to keep.
- 5. Cash, Check or Money Order for \$15** (standard ARRL VE Fee). Checks and money orders should be made out to MARC and cover all different exams you wish to take at the VE session.

MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

For already licensed hams, MARC members should be monitoring the MARC repeater system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in.

73 Wes KØHBZ

## Dits and Bits

### For Sale or Wanted

For Sale:

Yaesu FT-920. Mint condition and used in a non-smoking environment.

Has 500 Hz CW Filter installed. FM board also installed.

160 thru 6 meters - All modes

100 Watts

Dual VFO Display

Great digital radio for RTTY, PSK31 and other digital modes.

Has original box, manual and hand mic.

Asking \$950 plus shipping.

If interested or any other questions, contact Del, KC6R at [kc6r@q.com](mailto:k6r@q.com).

This is an exceptionally clean radio.

Have something to sell or trying to find something or just want to see something get to a good home? Send it in to [wv7t@arrl.net](mailto:wv7t@arrl.net) and see it in Dits and Bits.

## Colorado QSO Party!

1200Z September 4—0400Z September 5, 2010

Join other stations on the air *Saturday, September 4th* and work to contact hams in Colorado's 64 counties! Operate CW, Phone, Digital, or any combination on all HF contesting bands, VHF, and UHF. Mark your calendars now and join us on the air in September!

Details at:

[www.praa.org/coqp](http://www.praa.org/coqp)

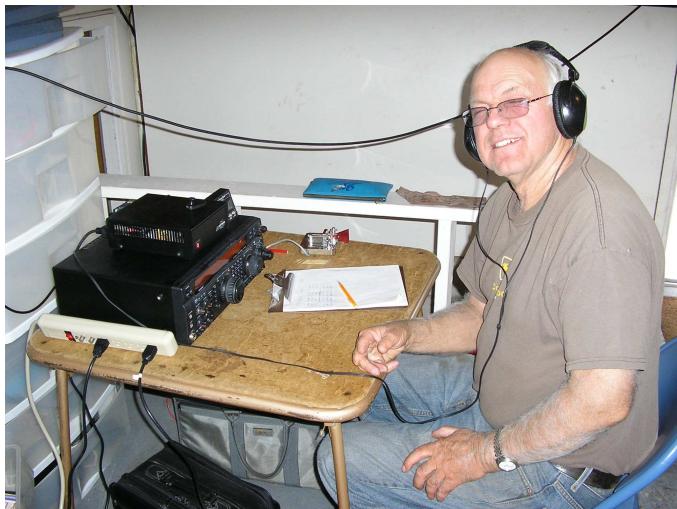
- Rules
- Logging Software
- Award Categories
- County Activation Plans
- Latest News



## Field Day GOT A Style

This Field Day was set up at the home of Jeff, KCØSXV and was organized to put hams on the air that had little or no HF operating experience and encourage participants to move up in license class.

**The event was highly successful!**



**Mel KDØDRH**



**Hamstick 20m dipole for digital station**



**Jeff KCØSXV (SSB, FD host)**



**Mike WV7T (CW)**



**Charles KAØPLZ**

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**PPRAA FIELD DAY**

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**Gordon KDØFKF**



**The food crew**



**The Moxon finally up**



**The technical side of Field Day**







Pikes Peak Radio Amateur Association, Inc.



# PPRAA HAM RADIO MEGAFEST

→ Saturday, July 17<sup>th</sup>, 2010 ←

8 AM to 1 PM Lewis-Palmer High School  
1300 Higby Rd., Monument, CO 80132; East of I-25, Exit 158 or 161  
Vendor Setup at 6 AM — Ticket Sales Open at 7:30 AM  
Talk In: 146.970 MHz (-) 100 Hz Tone

Need to stay overnight? Discount available at Sundance Mountain Lodge  
[www.SundanceMountainLodge.com](http://www.SundanceMountainLodge.com)

719-481-6000

## HAM RADIO RAFFLE!

One Raffle Ticket Included with Admission  
Additional Tickets: \$1 Each, 6 for \$5, 15 for \$10, 40 for \$20

Drawing at Noon, July 17th, 2010.  
Raffle prize winners need not be present to win.

### **Elecraft K3-100**

HF/50MHz All-Mode Transceiver w/DSP

### **Flex-Radio SDR-3000**

HF/50MHz All-Mode Transceiver w/DSP, Automatic  
Antenna Tuner



### **D-880H**

D-STAR 144/440MHz Digital/FM Mobile

Generously donated by the Cheyenne  
Mountain Repeater Group, Inc.

### **Icom IC-92AD**

D-STAR 144/440 MHz Digital/FM 5W HT

Raffle License #2010-02023  
Pikes Peak Radio Amateur Association, Inc.  
P. O. Box 16521 Colorado Springs, CO 80935

### Scheduled Activities:

- License Testing at 10 AM
- Forums
- Hourly Door Prizes
- Final door prize at 11:30 Yaesu VX-3R HT
- Door prize winners must be present to win

### **6-foot Table Rentals Available**

See registration form on back  
\$12 in Advance—\$17 day of Megafest  
Rental Does NOT Include Admission  
One chair provided with each table

Packets will be ready at the door at 6:00 AM.  
No Friday night setup available.  
Advance registrations must be received by July 10

**For latest info: [www.praa.org](http://www.praa.org)**

**Advance Table Reservation Form Due By July 10**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ St \_\_\_\_\_ ZIP \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Call Sign \_\_\_\_\_

Email \_\_\_\_\_

I would like AC power at my table (limited availability)

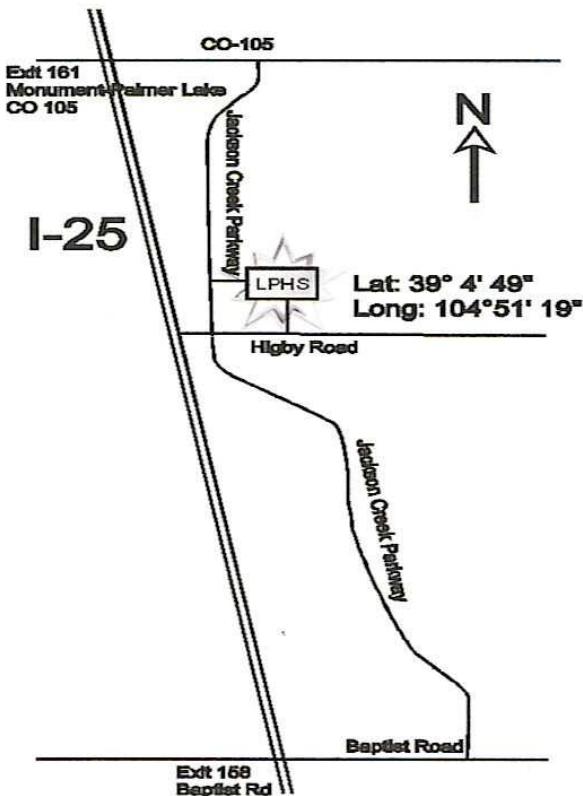
**Number of Tables: @ \$12 each = \$ \_\_\_\_\_**

**Admission Tickets: @ \$5 each = \$ \_\_\_\_\_**

**Total Enclosed: \$ \_\_\_\_\_**

Check box for registration confirmation via email

**Make checks payable to PPRAA**



## **MEMBERSHIP APPLICATION**

All memberships are up for renewal at the end of the year. If you haven't renewed your membership yet, please use the form at the bottom of this page and fill out all the appropriate information so that the Membership Committee can update the records. Include your family so they can share the value and the fun. If you know someone interested in joining, make a copy for them or have them visit PPRAA on the web and download a copy of the PDF file at [www.ppraa.org](http://www.ppraa.org).

<b>Membership Application for the Pikes Peak Radio Amateur Association, Inc.</b> P.O. Box 16521, Colorado Springs, CO 80935-6521	
Date: _____	<input type="checkbox"/> New Member <input type="checkbox"/> Renewal
Name: _____	In which activities would you like to participate? <input type="checkbox"/> Field Day <input type="checkbox"/> Demonstrations <input type="checkbox"/> Nets or round tables <input type="checkbox"/> Organize activities <input type="checkbox"/> Teach ham classes
Address: _____	
City _____	State: _____ Zip: _____
Call: _____	Class: N T + G A E Phone: _____
Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No	Email: _____
Additional Family Members to Join/Renew	
Name: _____	Call: _____ Class: _____ ARRL? _____
Name: _____	Call: _____ Class: _____ ARRL? _____
Name: _____	Call: _____ Class: _____ ARRL? _____
Donation to Club: \$ _____	
Total Enclosed: \$ _____	
<b><u>MAKE ALL CHECKS PAYABLE TO "PPRAA"</u></b>	
<i>The O-Beat</i> monthly club newsletter is available at <a href="http://WWW.PPRAA.ORG">WWW.PPRAA.ORG</a> .	
Circle your interests <input type="checkbox"/> HF / V/UHF / FM / SSB / Digital / DX / Contests / Technical / Hardware / Other	
New and renewing members must submit a completed application form along with your check to the Treasurer.	
Please Type or Print Clearly!	

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**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521**  
**Colorado Springs, CO 80935-6521 USA**

**To:**